



Performance Heating, LLC - Data Sheet

OMP Series

Thermal Fluid Heater (Multi-Tubular Type)

Heater Features		1500	2000	2500	3000	4000	5000	6000	8000	10000	12500	15000
Thermal Capacity	kCal/hr	1,500,000	2,000,000	2,500,000	3,000,000	4,000,000	5,000,000	6,000,000	8,000,000	10,000,000	12,500,000	15,000,000
	kW	1,758	2,345	2,931	3,517	4,689	5,861	7,034	9,378	11,723	14,654	17,584
Efficiency (100%Load)	%	91	91	91	91	91	91	91	91	91	91	91
Temp. Differential	Δ°C	27	35	28	33	40	37	40	40	45	50	50
Pressure Drop	bar	1.6	1.6	1.1	1.1	1.5	1.3	1.9	2.4	2.7	3.2	3.4
Flow Rate	m ³ /hr	110	110	180	180	200	270	300	400	450	500	600
L Length	mm	5350	5350	6150	6150	6770	7380	7380	8050	8670	9680	10100
W Width	mm	2400	2400	2500	2500	2500	3100	3100	3200	3600	3700	3900
H Height	mm	2700	2700	3000	3000	3000	3800	3800	4000	4150	4150	4400
Weight (Empty)	kg	11000	11000	13000	13000	14000	22000	22000	27000	32000	36000	45000

Design Notes:

- (A) All flange connections are ANSI 300#
- (B) Standard design pressure is 145 psi
- (C) A standard burner has been used for dimensioning purposes
- (D) Multiple burner fuel options are available only on standard OMP model
- (E) Higher efficiency options are available (Model OMP-PA)

Cannon
BONO ENERGIA

Additional Options:

- (A) Circulation pumps for thermal fluid heater
- (B) Motor control panel(s) for circulation pump and burner
- (C) Expansion tank(s) with or without tank tower
- (D) Inert gas blankets for the expansion tank
- (E) Drain tank(s) for above ground installation
- (F) Gear pump for system filling or draining
- (G) Skid assembly of heater and/or ancillary components
- (H) Complete packaged systems are available for easy installation
- (I) Containerized equipment is available
- (J) PLC for enhanced DCS communication

